



SEQUENCE LISTING

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<120> METHODS FOR PRODUCING IMMUNOGLOBULINS
CONTAINING PROTECTION PROTEINS IN PLANTS AND THEIR USE

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<141> 2004-02-18

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<151> 1994-12-30

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Tyr	Ser	Ala	Phe	Leu	Leu	Gln	Ser	Asn	Thr	Ile	Ala	Ala	Glu	His	Gln		

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Cys Leu Leu Ala Ile Phe Pro Val Val Ser Met Lys Ser Pro Ile Phe
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Gly Tyr Val Ser Asp Asp Tyr Val Gly Arg Ala Asn Leu Thr Asn Phe
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Pro Glu Ser Gly Thr Phe Val Val Asp Ile Ser His Leu Thr His Lys
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Asp Ser Gly Arg Tyr Lys Cys Gly Leu Gly Ile Ser Ser Arg Gly Leu
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His Ala His Val Tyr Thr Ile Asp Leu Gly Arg Thr Val Thr Ile Asn
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Ser Asn Ser Tyr Lys Asp Arg Ala His Ile Ser Ile Leu Gly Thr Asn
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Asn Ile Asp Leu Gln Val Leu Glu Pro Glu Pro Glu Leu Val Tyr Gly	235	240	245	
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Asp Leu Arg Ser Ser Val Thr Phe Asp Cys Ser Leu Gly Pro Glu Val	250	255	260	
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Ala Asn Val Pro Lys Phe Leu Cys Gln Lys Lys Asn Gly Gly Ala Cys	265	270	275	
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Asn Val Val Ile Asn Thr Leu Gly Lys Lys Ala Gln Asp Phe Gln Gly	280	285	290	295
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Arg Ile Val Ser Val Pro Lys Asp Asn Gly Val Phe Ser Val His Ile	300	305	310	
acc agc ctg agg aaa gag gac gca ggg cgc tac gtg tgc ggg gcc cag				1132
Thr Ser Leu Arg Lys Glu Asp Ala Gly Arg Tyr Val Cys Gly Ala Gln	315	320	325	
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Asp Ala Asn Ser Ala Lys Tyr Trp Cys His Trp Glu Glu Ala Gln Asn	380	385	390	
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Gly Arg Cys Pro Arg Leu Val Glu Ser Arg Gly Leu Met Lys Glu Gln	395	400	405	
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Gln Gly Ala Ser Gly Met Cys Thr Leu Ile Ser Ser Asn Gly Tyr	60	65	70	
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Leu Ser Lys Glu Tyr Ser Gly Arg Ala Asn Leu Ile Asn Phe Pro Glu	75	80	85	
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 Arg Ala Asn Leu Ile Asn Phe Pro Glu Asn Asn Thr Phe Val Ile Asn
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 Gly Arg Asn Val Thr Ile Glu Cys Pro Phe Lys Arg Glu Asn Val Pro
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 Glu Ser Ser Val Arg Glu Asp Glu Asn Lys Ala Asn Leu Asp Pro Arg
 595 600 605
 Leu Phe Ala Asp Glu Arg Glu Ile Gln Asn Ala Gly Asp Gln Ala Gln
 610 615 620
 Glu Asn Arg Ala Ser Gly Asn Ala Gly Ser Ala Gly Gly Gln Ser Gly
 625 630 635 640
 Ser Ser Lys Val Leu Phe Ser Thr Leu Val Pro Leu Gly Leu Val Leu
 645 650 655
 Ala Val Gly Ala Val Ala Val Trp Val Ala Arg Val Arg His Arg Lys
 660 665 670
 Asn Val Asp Arg Met Ser Ile Ser Ser Tyr Arg Thr Asp Ile Ser Met
 675 680 685
 Gly Asp Phe Arg Asn Ser Arg Asp Leu Gly Gly Asn Asp Asn Met Gly
 690 695 700
 Ala Thr Pro Asp Thr Gln Glu Thr Val Leu Glu Gly Lys Asp Glu Ile
 705 710 715 720
 Glu Thr Thr Thr Glu Cys Thr Thr Glu Pro Glu Glu Ser Lys Lys Ala
 725 730 735
 Lys Arg Ser Ser Lys Glu Glu Ala Asp Met Ala Tyr Ser Ala Phe Leu

740 745 750
 Phe Gln Ser Ser Thr Ile Ala Ala Gln Val His Asp Gly Pro Gln Glu
 755 760 765
 Ala

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<220>
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 cca ggg gag aag gtc acc ata acc tgc agt gcc agc tca agt gta agt 97
 Pro Gly Glu Lys Val Thr Ile Thr Cys Ser Ala Ser Ser Ser Val Ser
 15 20 25 30

 tac atg cac tgg ttc cag cag aag cca ggc act tct ccc aaa ctc tgg 145
 Tyr Met His Trp Phe Gln Gln Lys Pro Gly Thr Ser Pro Lys Leu Trp
 35 40 45

 ctt tat agc aca tcc aac ctg gct tct gga gtc cct gct cgc ttc agt 193
 Leu Tyr Ser Thr Ser Asn Leu Ala Ser Gly Val Pro Ala Arg Phe Ser
 50 55 60

 ggc agt gga tct ggg acc tct tac tct ctc aca atc agc cga atg gag 241
 Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg Met Glu
 65 70 75

 gct gaa gat gct gcc act tat tac tgc cat caa agg act agt tac ccg 289
 Ala Glu Asp Ala Ala Thr Tyr Tyr Cys His Gln Arg Thr Ser Tyr Pro
 80 85 90

 tac acg ttc gga ggg ggg acc aag ctg gaa a ta 322
 Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu
 95 100

<210> 12
 <211> 105
 <212> PRT
 <213> Mouse

<400> 12
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 Glu Lys Val Thr Ile Thr Cys Ser Ala Ser Ser Ser Val Ser Tyr Met
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 His Trp Phe Gln Gln Lys Pro Gly Thr Ser Pro Lys Leu Trp Leu Tyr

<210> 14
 <211> 132
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<400> 14
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 Val His Ser Gly Val Gln Leu Gln Gln Ser Gly Pro Asp Leu Val Lys
 20 25 30
 Pro Gly Ala Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe
 35 40 45
 Thr Asp Tyr Asn Ile His Trp Val Lys Gln Ser Arg Gly Lys Ser Leu
 50 55 60
 Glu Trp Ile Gly Tyr Ile Tyr Pro Tyr Asn Gly Asn Thr Tyr Tyr Asn
 65 70 75 80
 Gln Lys Phe Lys Asn Lys Ala Thr Leu Thr Val Asp Asn Ser Ser Thr
 85 90 95
 Ser Ala Tyr Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val
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 Tyr Tyr Cys Ala Thr Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu
 115 120 125
 Thr Val Ser Ser
 130

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<220>
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<210> 16
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 <213> Artificial Sequence

<220>
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<400> 16
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 <223> Primer

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